

#9

PTO/SB/61 (10-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED
UNAVOIDABLY UNDER 37 CFR 1.137(a)**

Docket Number (Optional)
C98-013

First named inventor: Bachelder

Group Art Unit: 2772

Application Number: 09/127,676

Examiner: P. Nguyen

Filed: 7/31/1998

Title: METHOD FOR REFINING GEOMETRIC DESCRIPTION MODELS USING IMAGES

Attention: Office of Petitions
Assistant Commissioner for Patents
Box DAC
Washington, D.C. 20231

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FEB 07 2002
OFFICE OF PETITIONS
DEPUTY A/C PATENTS

NOTE: If information or assistance is needed in completing this form, please contact Petitions
Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee--required for all utility and plant applications filed before June 8, 1995, and for all design applications; and
- (4) Adequate showing of the cause of unavoidable delay

1. Petition fee

- ☐ small entity - fee \$ _____ (37 CFR 1.17(l)). Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ other than small entity - fee \$ \$110.00 (37 CFR 1.17(l)).

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in

the form of _____ (identify the type of reply):

- ☐ has been filed previously on _____.
- ☐ is enclosed herewith.

B. The issue fee of \$ _____

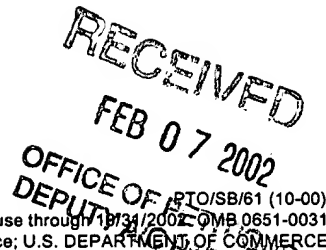
- ☐ has been paid previously on _____.
- ☐ is enclosed herewith.

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 1.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

02/05/2002 CCHAU1 00000120 032357 09127676

01 FC:140 110.00 CH



Approved for use through 1/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED
UNAVOIDABLY UNDER 37 CFR 1.137(a)**

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$_____ for a small entity of \$_____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. An adequate showing of the cause of the delay, and that the entire delay in filing the required reply from the due date for the reply until the filing of a grantable petition under 37 CFR 1.137(a) was unavoidable, is enclosed.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

1/15/2002

Date

Telephone
Number: (508) 650-3108

Signature

Arthur J. O'Dea

Typed or printed name

Cognex Corporation
One Vision Drive
Natick, MA 01760

Enclosures: ☒ Fee Payment

☐ Reply

☐ Terminal Disclaimer Form

☒ Additional sheets containing statements establishing unavoidable delay

☐ _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

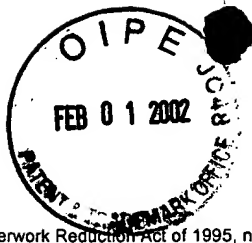
- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box DAC, Washington, D.C. 20231.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 308-6916.

1/15/02
Date

Signature

Cheryl Sloane

Typed or printed name of person signing certificate



PTO/SB/61 (10-00)

Approved for use through 10/31/2002. OMB 0651-0031

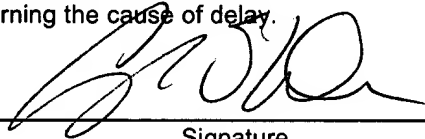
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED
UNAVOIDABLY UNDER 37 CFR 1.137(a)**

NOTE: The following showing of the cause of unavoidable delay must be signed by all applicants or by any other party who is presenting statements concerning the cause of delay.

1/15/2002
Date


Signature

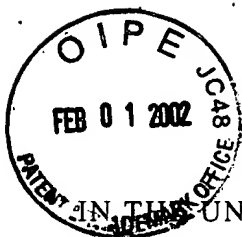
Arthur J. O'Dea

Typed or printed name

(In the space provided below, please explain in detail the reasons for the delay in filing a proper reply)

Please see attached document entitled "PETITION TO REVIVE ABANDONED APPLICATION"

(Please attach additional sheets if additional space is necessary)



Docket Number: C98-013

In re application of: **Bachelder et al.**

Serial Number: **09/127,676**

Group Art Unit: **2772**

Filed: **7/31/1998**

Examiner: **P. Nguyen**

Title: **METHOD FOR REFINING GEOMETRIC DESCRIPTION
MODELS USING IMAGES**

RECEIVED
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Certificate of Mailing

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, first class mail, with sufficient postage in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Date: 1/15/02

By: Cheryl Sloane
Cheryl Sloane

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

PETITION TO REVIVE ABANDONDED APPLICATION

Sir:

Pursuant to 37 C.F.R. § 1.137(a), the Applicant petitions for revival of the above captioned application due to its unavoidable abandonment.

REMARKS

The above captioned application has been deemed abandoned under 35 U.S.C. § 133 for failure to respond to an Office Action mailed April 27, 2000. The Office Action, however, was never received by the Applicant. Accordingly, the Applicant petitions to withdraw the holding of abandonment, and requests that the Office Action be re-mailed to the Applicant.

The Office Action for the above-captioned application, mailed on April 27, 2000, was not received by the undersigned practitioner, or any persons by which such official communications would be received, including associate practitioners or paralegal staff.

A search of the file jacket and docket records indicates that the Office communication was not received. A copy of the docket record where the non-received Office communication would have been entered, had it been received and docketed, is attached. If the Office communication was received in the approximate timeframe when mailed, a docketed response

due date would have been entered showing a "Date Mailed" of April 27, 2000, with a "Due Date" of July 27, 2000 for the three-month response period. The docketed entries show the receipt of other Office communications having mailing dates of April 26, 2000 and April 27, 2000 for other pending applications.

Additionally, a copy of the file jacket is enclosed showing a transmittal of Supplemental Information Disclosure Statement submitted before receipt of an Office Action on June 20, 2000, and a Status Inquiry on July 24, 2000.

The Applicant submitted a petition to withdraw the holding of abandonment on February 22, 2001 in response to the Notice of Abandonment mailed December 22, 2000, and submitted a reply to a faxed copy of the pending office action on May 25, 2001, though the previous petition was not in complete conformance to 37 C.F.R. § 1.137(a), thus the previous petition, and Office Action reply was thereby ineffective.

The Commissioner is authorized to withdraw the requisite fee for this petition under 37 C.F.R. § 1.17(l) from Deposit Account 03-2357.

CONCLUSION

In view of the above remarks, Applicant respectfully requests that the Office withdraw the holding of abandonment, based on a failure to receive an office action, and re-mail the Office communication originally mailed April 27, 2000 for the above-captioned application. The Examiner is invited to telephone the undersigned Applicant's Attorney to facilitate advancement of the present Application, if necessary.

Respectfully submitted,



Arthur J. O'Dea
Registration Number 42,952
Patent Attorney
Cognex Corporation
One Vision Drive
Natick, MA 01760
(508) 650-3108

Date: 1/15/02



Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C97-035	Machine Vision Systems and Methods for Morphological Transformation of an Image with Zero or Other Uniform Offsets	DJP	1/7/2000	4/7/2000	5/18/2000	Yes	09/014,773
C96-011	Machine Vision Methods for Enhancing the Contrast Between an Object and its Background using Multiple On-Axis Images	DJP	1/20/2000	4/20/2000	5/22/2000	Yes	08/621,137
C97-011 CON	Constraint Satisfying Image Subsembler	R. Irving/ T. Miele	1/27/2000	4/27/2000	4/4/2000	Yes	09/287,637
C97-047	Methods and Apparatus for Generating a Projection of an Image	DJP	2/2/2000	5/2/2000	6/2/2000	Yes	09/055,543
C96-002 CON	System or method for Detecting Defect Within a Semi-Opaque Enclosure	T. Miele	2/2/2000	5/2/2000	5/2/2000	Yes	09/287,352

Thursday, February 22, 2001

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C96-010 CON	Semiconductor Device Image Inspection with Contrast Enhancement	DJP	2/17/2000	5/17/2000	6/19/2000	Yes	09/184,407
C97-050	Fast High-Accuracy Multi-Dimensional Pattern Inspection	RW	2/17/2000	5/17/2000	8/17/2000	Yes	09/001,869
C98-019 CIP	Method and Apparatus for Inspecting Solder Paste Using Geometric Constraints	TC	2/22/2000	5/22/2000	5/22/2000	Yes	09/156,918
C97-007 CPA	Method for Locating Ball Grid Array Packages from Two-Dimensional Image Data	B. Michaelis	2/24/2000	5/24/2000	5/10/2000	Yes	08/947,760
C97-012	Machine Vision Method Using Search Models to Find Features in Three Dimensional Images	B. Michaelis	2/25/2000	5/25/2000	4/26/2000	Yes	09/000,583
C97-022	Machine Vision System for Object Feature Analysis and Validation Based on Multiple Object Images	T. Lober	3/1/2000	6/1/2000	6/30/2000	Yes	09/071,722

Thursday, February 22, 2001

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C97-055	Determining a Depth	T. Miele	3/1/2000	6/1/2000	5/31/2000	Yes	09/014,771
C97-009	A Pattern Similarity Metric for Image Search, Registration, and Comparison	RW	3/13/2000	6/13/2000	6/13/2000	Yes	09/108,279
C98-018	A Method and Apparatus for Detecting Extended Defects in an Object	TC	3/15/2000	6/15/2000	6/15/2000	Yes	09/122,507
C97-051	Method and Apparatus for Determining a Reference Point of an Object Profile within an Image	TC	3/15/2000	6/15/2000	6/13/2000	Yes	09/086,326
C93-012	Improved Circle Location	RW	3/16/2000	6/16/2000	6/16/2000	Yes	08/212,173
C97-054	Machine Vision Systems and Methods for Morphological Transformation of an Image with Non-Uniform Offsets	DJP	4/6/2000	7/6/2000	6/6/2000	Yes	09/014,670

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C98-001	Image Processing Methods and Apparatus for Separable General Affine Transformation of an Image	DJP	4/11/2000	7/11/2000	6/12/2000	Yes	09/027,432
C99-028	System and Method for Inspecting an Object Using Structured Illumination	B. Loginov	4/13/2000	7/13/2000	6/8/2000	Yes	09/418,643
C95-001 CPA2	Apparatus and Method for Determining the Location and Orientation of a Reference Feature in an Image	RW	4/25/2000	7/25/2000	7/25/2000	Yes	08/404,388
C97-052C	A Method for Automatic Visual Identification of a Reference Site in an Image	TC	4/26/2000	7/26/2000	8/28/2000	Yes	09/129,152
C97-014 CON	Analysis of an Image of a Pattern of Discrete Objects	B. Michaelis	4/26/2000	7/26/2000	7/26/2000	Yes	09/461,412
C98-009	Automated Inspection of Objects Undergoing General Affine Transformation	B. Michaelis	4/26/2000	7/26/2000	7/26/2000	Yes	09/141,932

Thursday, February 22, 2001

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C98-025	Gauging Using Sub-model Poses	RW	4/27/2000	7/27/2000	7/27/2000	Yes	09/140,124
C97-011 CON CPA	Image Processing System and Method Using Subsampling with Constraints such as Time and Uncertainty Constraints	R. Irving	5/4/2000	8/4/2000	6/16/2000	Yes	09/287,637
C97-016 CON	Analyzing an Acquired Arrangement of Object Locations	B. Michaelis	5/23/2000	8/23/2000	8/23/2000	Yes	09/461,420
C98-019 CIP	Method and Apparatus for Inspecting Solder Paste Using Geometric Constraints	TC	6/28/2000	9/28/2000	9/28/2000	Yes	09/156,918
C98-051	Machine Vision Methods and Systems for Boundary Feature Comparison of Patterns and Images	DJP	7/13/2000	10/13/2000	9/6/2000	Yes	09/216,048
C98-022	Locating an Image of an Object having a Concentric Profile	RW	7/14/2000	10/14/2000	10/16/2000	Yes	09/216,071

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C97-055 DIV	Determining a Depth	T. Micle	7/18/2000	10/18/2000	10/18/2000	Yes	09/464,745
C98-048	Machine Vision Methods and Systems for Boundary Point-Based Comparison of Patterns and Images	D. Powsner	7/19/2000	10/19/2000	9/25/2000	Yes	09/215,943
C96-013 CPA2	Apparatus and Method for Detection and Sub-pixel Location of Edges in a Digital Image	RW	7/26/2000	10/26/2000	11/27/2000	Yes	08/727,721
C97-055	Determining a Depth	T. Micle	8/10/2000	11/10/2000	11/11/2000	Yes	09/014,771
C98-020	Object Image Search Using Sub-Models	RW	8/21/2000	11/21/2000	11/21/2000	Yes	09/054,968
C98-021	Improved Object Image Search Using Validated Sub-Model Poses	RW	8/23/2000	11/23/2000	11/22/2000	Yes	09/212,844

Thursday, February 22, 2001

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Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C99-034	Video Safety Curtain	B. Michaelis	9/11/2000	12/11/2000	12/11/2000	Yes	09/448,962
C96-010 CON	Semiconductor Device Image Inspection with Contrast Enhancement	DJP	9/26/2000	12/26/2000	1/26/2001	Yes	09/184,407
C98-051	Machine Vision Methods and Systems for Boundary Feature Comparison of Patterns and Images	DJP	9/28/2000	12/28/2000	1/29/2001	Yes	09/216,048
C98-032	A Method and Apparatus to Transform a Region within a Digital Image Using a Deformable Window	TC	10/2/2000	1/2/2001	2/2/2001	Yes	09/135,112
C97-017 DIV	Method and Apparatus Using Image Subtraction and Dynamic Thresholding	B. Michaelis	10/2/2000	1/2/2001	2/2/2001	Yes	09/478,840
C99-010	Method and Apparatus for Providing Uniform Diffuse Illumination to a Surface	B. Loginov	10/3/2000	1/3/2001	12/1/2000	Yes	09/387,159

Thursday, February 22, 2001

Cognex Corporation - Confidential

Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C98-009	Automated Inspection of Objects Undergoing General Affine Transformation	B. Michaelis	10/12/2000	1/12/2001	12/12/2000	Yes	09/141,932
C97-047	Methods and Apparatus for Generating a Projection of an Image	DJP	10/13/2000	1/13/2001	2/7/2001	Yes	09/055,543
C97-014 CON	Analysis of an Image of a Pattern of Discrete Objects	B. Michaelis	10/13/2000	1/13/2001	1/16/2001	Yes	09/461,412
C96-022 CON	Nonfeedback-based Machine Vision Methods for Determining a Calibration Relationship Between a Camera and a Movable Object	DJP	10/25/2000	1/25/2001	1/25/2001	Yes	09/223,855
C98-025	Gauging Using Sub-Model Poses	RW	11/2/2000	2/2/2001	2/2/2001	Yes	09/140,124
C97-016 CON	Analyzing an Acquired Arrangement of Object Locations	Art	11/22/2000	2/22/2001		No	09/461,420

Thursday, February 22, 2001

Cognex Corporation - Confidential

Docket Number	Title	Atty	Date Mailed	Due Date	Date Completed	Completed (Yes/No)	Application Number
C98-048	Machine Vision Methods and Systems for Boundary Point-Based Comparison of Patterns and Images	Art	12/21/2000	3/21/2001		No	09/215,943
C97-054	Machine Vision Systems and Methods for Morphological Transformation of an Image with Non-Uniform Offsets	DJP	1/3/2001	4/3/2001		No	09/014,670
C99-017	Processing Continuous Data Streams in Electronic Spreadsheets	RW	1/23/2001	4/23/2001		No	09/370,808
C99-034	Video Safety Curtain	B. Micheliis	2/13/2001	5/13/2001		No	09/448,962

Thursday, February 22, 2001

Cognex Corporation - Confidential



INVENTOR Ivan A. Bachelder & Cyril C. Morrison Jr.
SERIAL NO. 09/127,676 FILED 7/31/98
TITLE Method For Refining Geometric Description Models
Using Images
ASSIGNEE Cognex Corporation
ASSIGNMENT RECORDED 10/14/98 REEL 9536 FRAME 0933

OFFICE ACTIONS

AMENDMENTS

- Filing Receipt

8/20/98 - Notice to File Missing Parts

10/14/98 Transmitted Letter w/Notice to
Change Dep. Act. re Notice of Missing
Parts & executed Dec/9810/14/98 Reexamination Form Cover Sheet
and executed Assignment

11/13/98 - IDS

- Corrected Filing Receipt

2/17/99 Notice of Recordation of

Assignment Document

6/20/00 Transm of Supp. IDS before

A. Tuna P10 11/19 and 15 parts

7/21/00 Status Inquiry

12/22/00 Notice of Abandonment

4/27/00 Office Actions (reced by P10)

CONTINUATION IN PART OF

DIVISION OF

CLIENT or TITLE

CANADIAN

INVENTOR

OTHER FOREIGN

SERIAL NO.

Description: Method for Refining Geometric

Description: Models Using Images

Bachelder et. al.

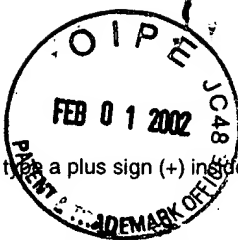
09/127,676

ALLOWED

FINAL FEE PAID

PATENT NO.

DATE



Please type a plus sign (+) inside this box →



PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/127,676	
	Filing Date	Jul 31, 1998	
	First Named Inventor	Bachelder, Ivan	
	Group Art Unit	2772-2671	
	Examiner Name	P. Nguyen	
Total Number of Pages in This Submission	9	Attorney Docket Number	C98-013

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ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none">Petition to Revive Abandoned Application with RemarksCopy of Docket + File JacketPostcard
Remarks		

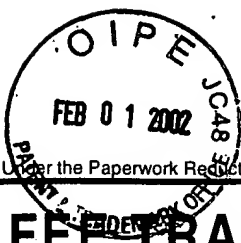
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Arthur J. O'Dea Reg. No. 42,952
Signature	
Date	January 15, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: 1/15/02			
Type or printed name	Cheryl Sloane		
Signature		Date	January 15, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**110.00****Complete if Known**

Application Number	09/127,676
Filing Date	7/31/1998
First Named Inventor	Bachelder, et al
Examiner Name	P. Nguyen
Group Art Unit	2772
Attorney Docket No.	C98-013

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DEPUTY A/C PATENTS

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

03-2357

Cognex Corporation

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17Applicant claims small entity status.
See 37 CFR 1.272. ☐

Payment Enclosed:

☐ Check☐ Credit Card☐ Money
Order☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20**=	X	
Multiple Dependent	-3**=	X	

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	110.00
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)**110.00****SUBMITTED BY**

Complete (if applicable)

Name (Print/Type) Arthur J. O'Dea

Registration No.
(Attorney/Agent)

42,952

Telephone

(508) 650-3108

Signature

Date

1/15/2002

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